



**MODEL: 15-005**

## **6" X 89" VERTICAL / HORIZONTAL EDGE BELT SANDER**

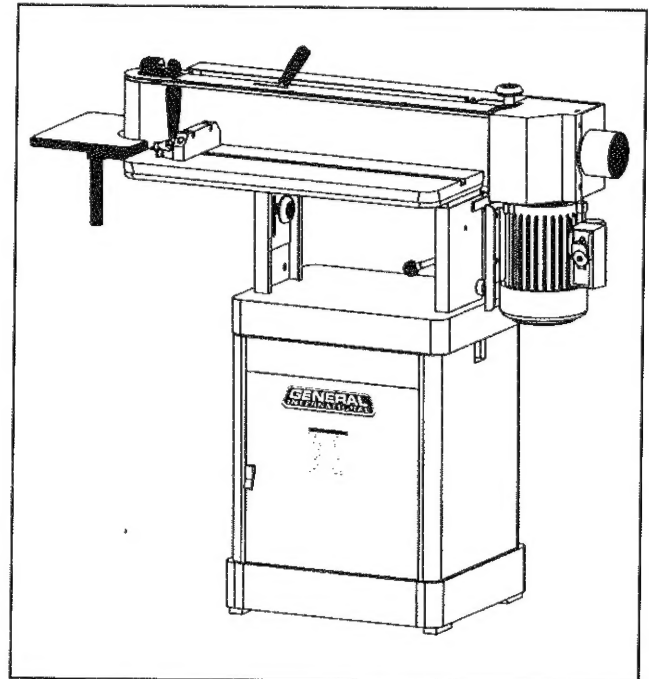
### **OPERATING MAINTENANCE INSTRUCTIONS**

#### **FEATURES**

- \* Vertical and horizontal operation.
- \* Belt position can be adjusted from 90° to 180°.
- \* Accurate belt tension and tracking adjustment.
- \* Cast iron table can be adjusted up and down for full belt use.
- \* End table gives you the ability to sand radius edges.
- \* Convenient mounted motor controls.
- \* Cast iron miter gauge can be lock in position for quick and easy set up.
- \* Adjustable and removable fence

#### **SPECIFICATIONS**

Sanding belt size:	6" X 89"
Belt speed.:	3850 SFPM
Table area:	29 <sup>5</sup> / <sub>8</sub> " X 9 <sup>7</sup> / <sub>8</sub> "
Platen size:	6 <sup>3</sup> / <sub>4</sub> " X 33 <sup>7</sup> / <sub>10</sub> "
Dust collection outlet:	4"
Motor:	1 ½ H.P. 110 / 220 V 1 ph
Pre wired:	220V
Weight:	256Lbs.



**MODEL NO.**

**15-005 M1**

**SERIAL NO.**

**IMPORTANT:** When ordering replacement parts, always give the model number, serial number of the machine and part number. Also a brief description of each item and quantity desired.

All replacement parts can be obtained from:

**GENERAL® INTERNATIONAL MFG CO. LTD.**

8360 Champ D'eau  
MONTREAL, QUEBEC, H1P 1Y3  
TEL:(514)326-1161 FAX:(514)326-5555  
generalint@aol.com

# SAFETY RULES

## READ CAREFULLY BEFORE OPERATING THE MACHINE

1. Learn the machine's applications and limitations, as well as the specific potential hazards particular to this machine. Follow available safety instructions and safety rules carefully.
2. Keep working area clean and be sure adequate lighting is available.
3. Do not wear loose clothing, gloves, bracelets, necklaces, or ornaments. Wear face, eye, ear, respiratory and body protection devices, as indicated for the operation or environment.
4. Keep hands well away from sanding belt and all moving parts. Do not clear chips and sawdust away with hands. Use a brush.
5. Make sure the belt is moving at operation speed before sanding.
6. Do not push the sanding belt too hard. The belt will perform better and be safer working at the rate for which it was designed.
7. Whenever possible use a dust collector with shaving hood to minimize health hazards.
8. Never leave the machine with the power on.
9. Keep children away. Make sure that visitors are kept at a safe distance from the work area.
10. Use recommended speed sanding accessory, and workpiece material.
11. Never stand on tool. Serious injury could occur if the tool is tipped or if the sanding tool is unintentionally contacted.
12. Be sure sanding belts are securely locked in the machine.
13. Use suitable support if stock does not have a flat surface.
14. Do not force the machine. It will do the job better and be safer at a rate for which it was designed.
15. Keep guards in place and in working order. If a guard must be removed for maintenance or cleaning make sure it is properly attached before using the tool again.
16. Be sure that key and adjusting wrenches have been removed before turning power on.
17. Use only accessories designed for the machine.
18. Make sure tool is properly grounded. If tool is equipped with three-prong plug, it should be plugged into a three-pole electrical receptacle. Never remove the third prong.
19. Always disconnect tool before servicing and when changing accessories such as sanding belts.
20. Make sure that switch is in "OFF" position before plugging in cord.
21. Hold material firmly against the table.
22. Use ONLY recommended accessories. Use of accessories NOT recommended by **General International** may result in a risk of injury.
23. Do not use this sanding machine for other than its intended use. If used for other purposes, **General International** disclaims any real or implied warranty and holds itself harmless for any injury, which may result from that use.

## GENERAL® INTERNATIONAL guarantee

All component parts of **GENERAL INTERNATIONAL** machinery are carefully inspected during all production stages and each machine is thoroughly inspected upon completion of assembly. Because of quality, **GENERAL INTERNATIONAL** agrees to repair or replace any genuine part or parts which, upon examination, proves to be defective in workmanship or material within a period of 24 months from date of purchase. In order to obtain warranty, all defective parts must be returned prepaid to **GENERAL INTERNATIONAL MFG. Co Ltd**. Repairs made without our written authorization voids all guarantees.

## HORIZONTAL / VERTICAL SANDING MACHINE 15-005 M1

**GENERAL® INTERNATIONAL** horizontal / vertical sanding machines are carefully tested and inspected before shipment and if properly used will give perfect results. However, a reasonable amount of care and attention is necessary to ensure perfect performance and accurate work. It is imperative that you take a few moments to familiarise yourself with these instructions.

### UNPACKAGE AND CLEANUP

To ensure maximum performance from your **GENERAL® INTERNATIONAL** 15-005 M1, clean it properly; and install accurately before use. As soon as you receive the horizontal / vertical sanding machine, we recommend you follow these procedures:

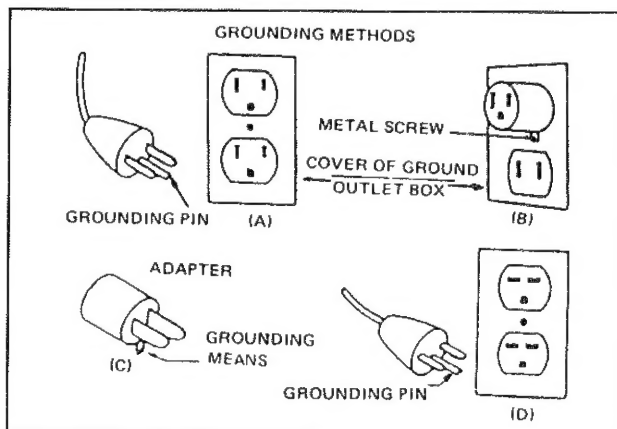
1. Remove all contents from the shipping carton.
2. Report damage, if any to your local distributor.
3. Clean all rust protected surfaces with a mild solvent or kerosene. Do not use lacquer thinner, paint thinner or gasoline. These will damage painted surfaces.
4. To prevent rust, apply a light coating of paste wax to surface.

### ELECTRICAL INSTRUCTIONS

The motor has been designed for a specific voltage and frequency. Check the voltage of your power outlet before connecting to the power source; make sure the power outlet corresponds with the motor voltage.

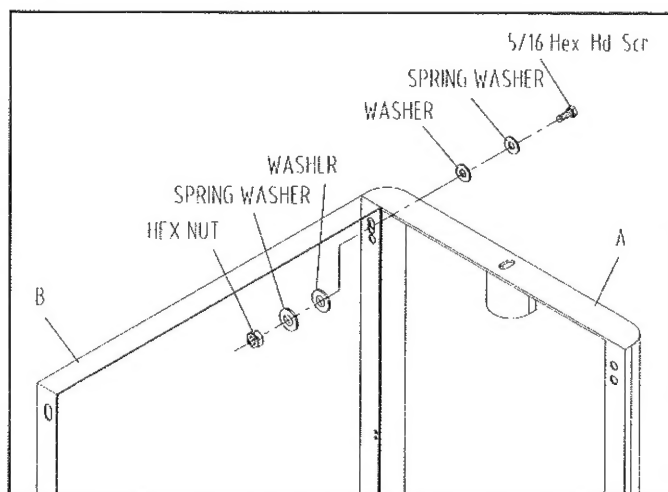
If power outlet doesn't correspond with the motor voltage do not attempt to modify. A qualified electrician must be contacted to perform the installation for proper voltage to the power outlet.

Machine must be properly grounded before connecting into the power source, if in doubt for proper grounding contact a qualified electrician.



Proper grounding methods

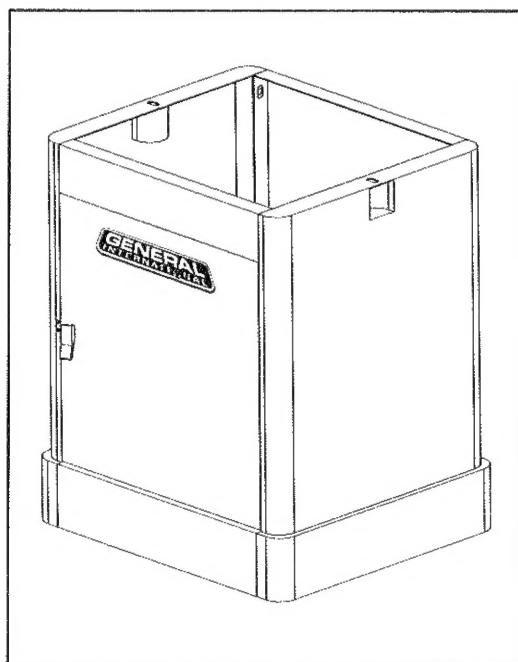
Fig.1



Stand Assembly: Clamp part (A) and part (B) by hex nut, washer, spring washer and screw (Fig.1)

### Changing Sand Band

Fig.2



Stand Assembly

1. Sanding table can be adjusted 90° - 180° Fig.4
2. Adjust clamp handle (B) to desired degree. To change new belt (Fig.4)
3. Loosen angle lock knob (A) and cam eccentric (C) to set and tighten the angle.

Fig.3

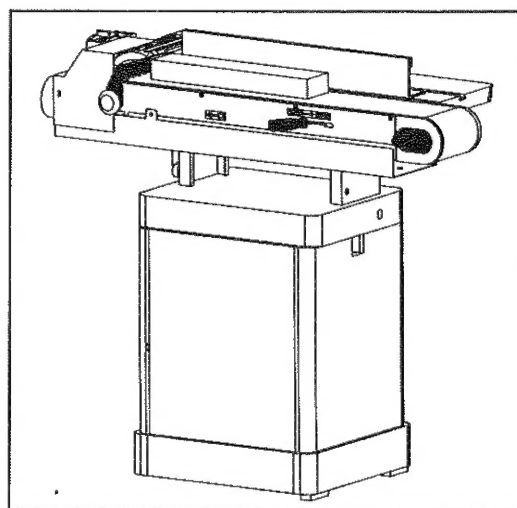


Fig.4

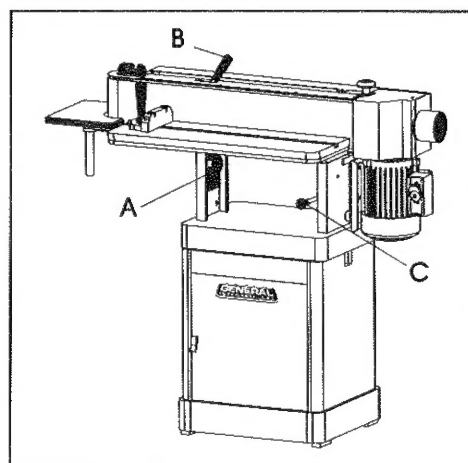
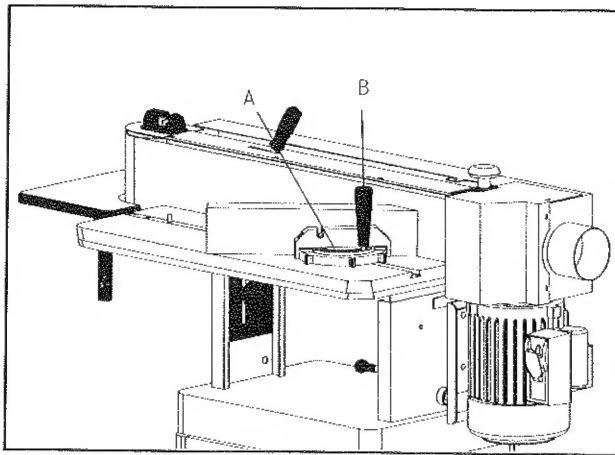


Fig.5



1. Miter Gauge (A) can be adjusted 45° - 90° and clamped by hex. Handle (B) (Fig.5).
2. Adjust miter gauge (A) to achieve required angle gauge.

Fig.6

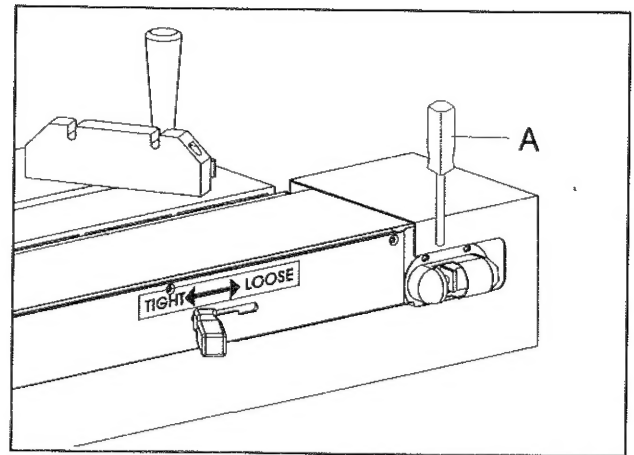


Fig.6 illustrates roller adjustment for Belt Tracking.

Fig.7

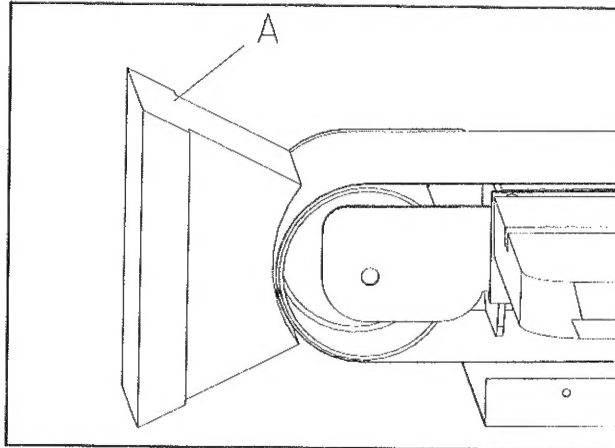


Fig.7 illustrates one of the methods for contour sanding.

Fig.6A

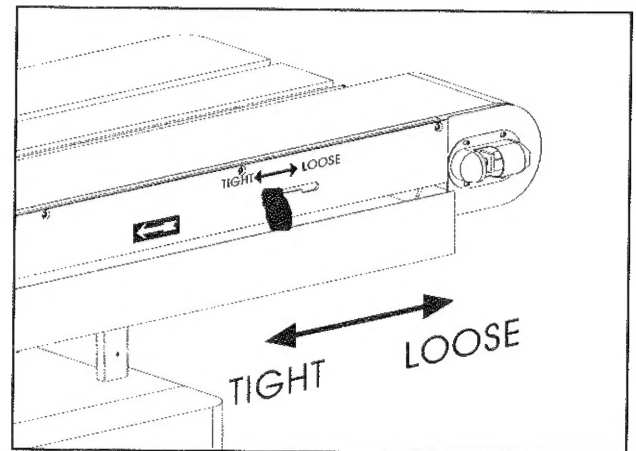


Fig.6A illustrates roller adjustment for changing belt.

Fig.7A

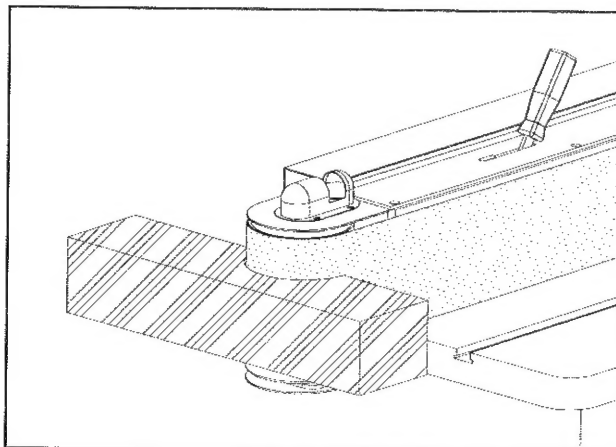
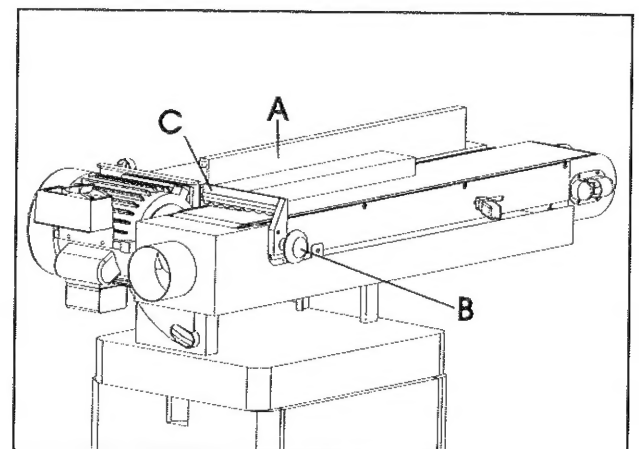


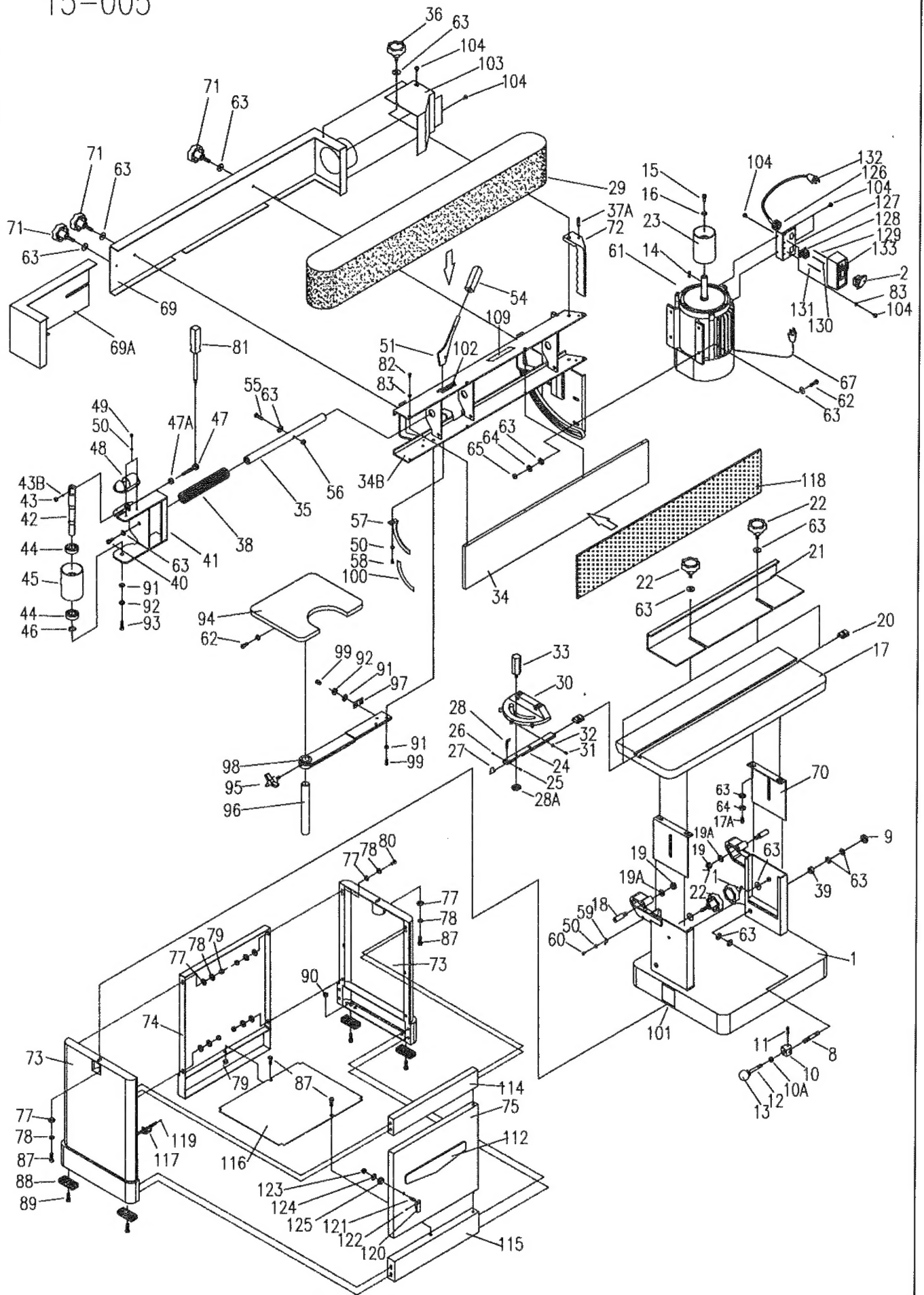
Fig.7A illustrates another position for contour sanding.

Fig.8



1. For flat sanding, mount locating plate (A).
2. To clamp bracket and secure in position clamp bracket (C).
3. To set angle at desired position, angle lock knob (B).

15-005



**PART LIST FOR 15-005 M1**

<b>PART NO.</b>	<b>REFERENCE NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>
15005-01	20101001	Base	1
15005-02	W2010002a	Switch	1
15005-06	S0110300	3/16"-24UNC Nut	5
15005-08	20101005	Worker Table Bracket	1
15005-09	20101006	Regulating Collar	1
15005-10	20101007	Cam Eccentric	1
15005-10A	S0110600	3/8"-16UNC Nut	1
15005-11	S0310525	Pin	1
15005-12	10102024	Lock Handle	1
15005-13	10102023	Hand Knob	1
15005-14	S0410525	Key	1
15005-15	S0020416	1/4"-20UNCx1" Hex. Hd. Scr.	1
15005-16	S0210404	Washer	1
15005-17	20101011A	Table	1
15005-17A	S0020510	5/16"-18UNCx5/8" Hex. Hd. Scr.	4
15005-18	20101065	M10x1.5 Screw	2
15005-19	S0111015M	M10 Nut	2
15005-19A	S0230308	Spring Washer	2
15005-20	20101013	Guide Block	2
15005-21	20101014	Fence	1
15005-22	20101015	M8-1.25x12 Knob	3
15005-23	20101016	Motor Roller	1
15005-24	20101017	Guide Bar	1
15005-25	S0310306	Pin	1
15005-26	S0050404	1/4" Soc. Set Scr.	1
15005-27	10104049	Locating Plate	1
15005-28	10104050	Pointer	1
15005-28A	20102020	Locating Block	1
15005-29	20101021	Sanding Belt	1
15005-30	10104046	Miter Gauge Body	1
15005-31	S0030108	5/32"-32 UNC Rd. Hd. Screw	3
15005-32	S0110100	5/32"-32 UNC Hex. Nut	3
15005-33	10104045	Hand Knob	1
15005-34	20101048	Table	1
15005-34B	20101049	Sanding Cloth Platform	1
15005-35	20103023	Tension Bar	1
15005-36	20101039	M8x1.25x35 Knob	1
15005-37A	S0310640	Pin	1
15005-38	20103025	Spring	1
15005-39	20101055	Partition Ring	1
15005-40	S0020501a	5/16"-18UNCx1xHex.Hd.Scr	1
15005-41	20103050	Roller Arm	1
15005-42	20103051	Shaft	1



# PART LIST FOR 15-005 M1

PART NO.	REFERENCE NO.	DESCRIPTION	QTY
15005-43	S0120200	1/4" Lock Nut	1
15005-43B	20103029B	Steel Ball	1
15005-44	S0716004	6004ZZ Bearing	2
15005-45	20103028	Idler Roller	1
15005-46	S0520017	Spring Ring	1
15005-47	20103029	Micro Adjust Screw	1
15005-47A	20103029A	Micro Adjust Nut	1
15005-48	20201013	Protection Cover	1
15005-49	S0030304	3/16"-24UNCx1/4" Rd.Hd.Scr.	4
15005-50	S0230300	Spring Washer	6
15005-51	20101031	Belt Replacing Plate	1
15005-54	20101032a	Sand Clamp Handle	1
15005-55	S0020530	5/16"-18UNCx1-3/4"Hex.Hd.Scr.	1
15005-56	S0120201	5/16"-18UNC Lock Nut	1
15005-57	20101033	Tilt Scale	1
15005-58	S0030318	3/16"-24UNCx3/4"Rd. Hd.Scr.	1
15005-59	10102022	Width Pointer	1
15005-60	S0030304	3/16"-24UNCx3/8" Rd.Hd.Scr.	2
15005-61	M0000000	Motor	1
15005-62	S0020520	5/16"-18UNCx1-1/4" Hex. Hd.Scr.	4
15005-63	S0210500C	Washer	21
15005-64	S0230506	Spring Washer	8
15005-65	S0110500	5/16" Hex.Nut	6
15005-67	L000000M	Switch Cord	1
15005-69	20101034G	Belt Cover	1
15005-69A	20101038A	Dustproof Protective Cover	1
15005-70	20101002	Lifting Plate	2
15005-71	20101024	M8-1.25x12 Knob	3
15005-72	20101040	Bracket	1
15005-73	20104053G	Left and Right Stand	2
15005-74	20104054G	Rear Spacing Plate	1
15005-75	20104060G	Door Frame	1
15005-77	S0210500	Washer	28
15005-78	S0230506	Spring Washer	28
15005-79	S0110500	5/16"-18UNC NUT	16
15005-80	S0020510	5/16"-18UNC Hex.Hd.Scr.	12
15005-81	20103044	Driver Wrench	1
15005-82	S0040512M	M5x0.8x12 Flat Hd.Scr.	8
15005-83	S0220300	Teeth Washer3/16"	8
15005-87	S0020520	516-18UNCx1-1/4"Rd.Hd.Scr.	2
15005-88	10401029	Pad	4
15005-89	S0090512	516-18UNCx5/8"Rd.Hd.Scr.	4
15005-90	S0110500	5/16" Nut	4



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<b>PART NO.</b>	<b>REFERENCE NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>
15005-91	S0210403	1/4"Washer	3
15005-92	S0230400	1/4" Spring Washer	2
15005-93	S0020615M	M6x1x1.5 Hex. Hd.Scr.	1
15005-94	20101051	Side Table	1
15005-95	60105012	Knob	1
15005-96	20101050	Supporting Rod	1
15005-97	40101016B	Mounting Bracket	1
15005-98	20101052	Bracket	1
15005-99	S0020410	1/4"-20UNCx5/8" Hex.Hd.Scr.	5
15005-100	J000002	Angle Paper	1
15005-101	I2000011	Warning Paper	1
15005-102	I2000010	Indicate Paste Paper	1
15005-103	20104044G	Dust Guard	5
15005-104	S0030304	3/16"-24UNCx1/4"L	1
15005-105	I2010002	Manual	1
15005-106	A2010001	Poly Foam	1
15005-107	F2010001	Carton	1
15005-109	I2000009	Indicate Paste Paper	1
15005-112	J000000	Name Plate	1
15005-114	20104058G	Up Link Board	1
15005-115	20104059G	Down Link Board	1
15005-116	21004052G	Chassis	1
15005-117	20104061G	Fix Lock Piece	1
15005-118	20101048a	Graphite	1
15005-119	S0040404	M3x0.5 Screw	2
15005-120	12100038	Elasticity Handle	1
15005-121	12100039	Elasticity Shank	1
15005-122	S0310312	Spring Pin	1
15005-123	S0120400M	M4 Nut	1
15005-124	S0210300b	Washer	1
15005-125	12100040	Elasticity Rubber	1
15005-126	S1017W-2	Strain Relief	1
15005-127	20101044	Switch Board	1
15005-128	20702013	Socket	1
15005-129	50000302A	Electric Cord (Black)	1
15005-130	50000302B	Electric Cord (White)	1
15005-131	50000302C	Electric Cord (Green)	1
15005-132	L0000132	Power Cord	1
15005-133	12100038	Switch Box	1